

In the Specification

At page 1, line 1, please add the following:

Sub P2
X
This application is a continuation of United States patent application number 09/068,783 having a filing date of February 22, 1999, which is a filing under 35 U.S.C. 371 claiming priority to international patent application number PCT/SE96/01464, the entire disclosure of which is incorporated herein by reference.

At page 5, line 36, immediately prior to the section entitled "Example:", please insert the following:

Brief Description of the Figures

Figure 1 presents a schematic presentation of the method of this invention, illustrating

- A3
- a) biotin incorporation at the end of each strand of the polynucleotide;
 - b) immobilization of biotinylated strands to a solid support; and
 - c) annealing of a blue and a red labeled sequencing primer to the strands.

Figure 2 presents the results obtained with the red label and the blue label in the example.

Please amend the paragraph at page 6, lines 22-23, as follows:

Primer: 5' - Biotin - GCT TCC GGC TCG TAT GTT GTG TG-3' (SEQ ID NO 1)

AB

5' - Biotin - AAA GGG GGA TGT GCT GCA AGG CG-3' (SEQ ID NO 2)

At the end of the written description, before the claims, please insert the Sequence Listing attached hereto.

In the Abstract

After the claims, on a separate sheet, please insert the following abstract:

Abstract

A method of analyzing a sequence of a polynucleotide of interest, comprising the steps of: a) incorporating one member of a specific binding pair at the end of each strand of a double stranded polynucleotide of interest, the number being of the same type for both strands, b) immobilizing both strands of the polynucleotide to a solid support provided with the other member of the specific binding pair, c) annealing sequencing primers to the immobilized strands, d) sequencing both strands by the chain termination method. The polynucleotide of interest is preferably amplified before or in connection with step a) and most preferably by polymerase chain reaction extension. The invention also comprises a kit for use in analyzing the sequence of a polynucleotide of interest.